

### Abstract of the Disclosure

The invention is a method and system for aggregating quantitative data and qualitative information from a plurality of sensors, each sensor having a plurality of associated sensor uncertainties, to determine the most likely position of an object and

5 an associated probability distribution for the most likely position of the object. Statistical analysis and probability theory is preferably used to more accurately locate the object and to minimize the range of the associated probability distribution. The method and system are applicable for locating and tracking a plurality of objects.